



Docket No.: 05500-00073-USC  
PM00028 CON2 (PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Gary O. Maupin et al.

Application No.: 10/690,411

Confirmation No.: 5949

Filed: October 21, 2003

Art Unit: N/A

For: APPARATUS FOR APPLYING  
CHEMICALS TO RODENTS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

Copies of the documents on the PTO/SB/08 are not provided.

Those patent(s) or publication(s) which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in either prior application number 10/282,853, filed October 28, 2002 or 09/595,034 filed on June 16, 2000, both of which are relied upon in this application for an earlier filing date under 35 U.S.C. 120.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.


The booklet prepared by the American Lyme Disease Foundation, Inc. including an abstract of a presentation given by inventor Gary O. Maupin on March 8, 1999 (document "CB" in the "Non Patent Literature Documents" section of the Form 1449 sheets, may have been distributed to the attendees of the meeting in March of 1999 during or before the meeting.

In view of the above, applicants request that the abstract (document "CB") be treated as prior art to the present application and considered by the Examiner.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed documents.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 05500-00073-USC. A duplicate copy of this paper is enclosed.

Respectfully submitted,

By 

William E. McShane

Registration No.: 32,707

CONNOLLY BOVE LODGE & HUTZ LLP

1007 North Orange Street

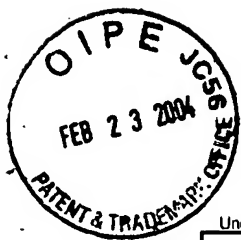
P.O. Box 2207

Wilmington, Delaware 19899

(302) 658-9141

(302) 658-5614 (Fax)

Attorney for Applicant



PTO/SB/92 (05-03)

Approved for use through 4/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application No. (if known): 10/690411

Attorney Docket No.: 05500-00073-USC

## Certificate of Mailing Under 37 CFR 1.8

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Information Disclosure Statement (2 pages)  
IDS (Citation) by Applicant (2 pages)



PTO/SB/08a/b (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/690,411 – Conf.#5949
				Filing Date	October 21, 2003
				First Named Inventor	Gary O. Maupin
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	05500-00073-USC

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA**	US-2,316,932	04/1943	Bruce	
	AB**	US-5,447,122	09/1995	Cortner	
	AC**	US-3,902,461	09/1975	Cortner	
	AD**	US-5,272,832	12/1993	Marshall, et al.	
	AE**	US-4,074,659	02/1978	Mowbray, et al.	
	AF**	US-5,806,237	09/1998	Nelson, et al.	
	AG**	US-4,324,202	04/1982	Stonestreet, et al.	
	AH**	US-5,027,747	07/1991	Talley	
	AI**	US-2,925,065	02/1960	Worden	
	AJ**	US-1,569,904	01/1926	Wright	
	AK**	US-1,582,144	04/1926	Pflaum	
	AL**	US-416,951	12/1889	Roop	
	AM**	US-5,232,940	08/1993	Hatton, et al.	
	AN**	US-5,448,852	09/1995	Spragins, et al.	
	AO**	US-6,395,765	05-28-2002	Etchegaray	
	AP**	US-6,162,820	12-19-2000	Jeannin, et al.	
	AQ**	US-4,662,104	05-05-1987	Mather, et al.	
	AR**	US-5,932,437	08-03-1999	Poche	
	AS**	US-5,367,983	11-29-1994	Pound, et al.	
	AT**	US-4,281,471	08/1981	Jenkins, et al.	
	AU**	US-5,983,558	11/1999	Las, et al.	
	AV**	US-4,753,032	06/1988	Sherman	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA**	WO-98/42191	10-01-1998	Meril		
	BB**	EP-0 295 117	12-14-1988	May & Baker Limited		
	BC**	WO-97 12521	04-10-1997	Rhone Merieux		
	BD**	WO-98/02042	01-22-1998	Meril		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA**	Copies of slides presented at oral presentations by inventors or their assistants prior to June 16, 1999.	
	CB**	Cover page and pages 1, 5 and 16 of booklet prepared by American Lyme Disease	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	05500-00073-USC

		Foundation, Inc., including abstract of presentation given by inventor Gary O. Maupin on March 8, 1999 (date of booklet unknown).	
	CC**	Gage, et al., Flea (Siphonaptera: Ceratophyllidae, Hystrichopsyllidae) and Tick (Acarina: Ixodidae) Control on Wood Rats Using Host-Targeted Liquid Permethrin in Bait Tubes; J. Med. Entomol., pp. 46-51, Vol. 34, no. 1 (January 1997).	
	CD**	Lane, et al., Modified bait tube controls disease-carrying ticks and fleas; California Agriculture; Volume 52, Number 2, cover page and pages 3, 43-48 (March-April 1998).	
	CE**	Barnes; Surveillance and Control of Bubonic Plague in the United States; Symp. Zool. Soc. Lond., No. 50, 237-270 (1982).	
	CF**	Kartman; An Insecticide-Bait Box Method for Plague Control in Certain Areas of the Pacific Region; Proceedings of the Ninth Pacific Science Congress, volume 19, pp. 49-52 (1957).	
	CG**	Sonenshine and Haines, A Convenient Method for Controlling Populations of the American Dog Tick, Dermacentor Variabilis (Acari: Ixodidae), In the Natural Environment, J. Med. Entomol., Vol. 22, No. 5, pp. 577-583 (September 1985).	
	CH**	Kartman; Further Observations on an Insecticide-bait-box Method for the Control of Sylvatic Plague Vectors; Effect of Prolonged Field Exposure to DDT Powder; J. Hyg., Camb., Vol. 58, pp 119-124 (1960).	
	CI**	Kartman; An Insecticide-Bait-Box Method for the Control of Sylvatic Plague Vectors; J. Hyg., Volume LVI, pp. 455-465 (1958).	
	CJ**	Barnes and Kartman; Control of Plague Vectors on Diurnal Rodents in the Sierra Nevada of California by Use of Insecticide Bait-Boxes; J. Hyg., Camb. Volume 58, pp. 347-355 (1960).	
	CK**	Morris, K.D., Proctor, R.D., and Kaukeinen, D.E., "Design and Evaluation Criteria for Development of Toxic Wicks for Rodent Control," Vertebrate Pest Control and Management Materials: Fourth Symposium, ASTM STP 817, D.E. Kaukeinen, Ed., American Society for Testing and Materials; Philadelphia, 1983, pp. 165-182.	
	CL**	Maupin, et al., "Laboratory and Field Evaluation of Rodent-Target Acaricides for Controlling Ixodes ssp," poster presentation of VII International Conference on Lyme Borreliosis and Other Emerging Tick-Borne Diseases, Munich, Germany, presented June 22, 1999.	
	CM**	J. S. Hunter et al.: "A Comparison of the Tick Efficacy of Frontline Spray Treatment Against the American Dog Tick and Brown Dog Tick;" ABSTRACT; PROC. AM. ASSOC. VET. PARASITOL. (41 MEET., 51, 1996).	
	CN**	U.S. Patent Application Serial No. 10/282,984, 10/28/2002, which is a continuation of Serial No. 09/595,177, filed June 16, 2000, Maupin, et al., "Control of Arthropods in Rodents," Examiner Neil Levy, Art Unit 1616 (now US-2003-0134877).	
	CO**	U.S. Patent Application Serial No. 10/282,539, 10/28/2002, which is a continuation of Serial No. 09/595,035, filed June 16, 2000, Maupin, et al., "Control of Arthropod Vectors of Parasitic Diseases," Examiner Neil Levy, Art Unit 1616 (now US-2003-0087800).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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